

Work Order ID 105545

105545

Page 1

August-08-13 8:58:26 AM

Item ID: D3284-009 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Bearing 14
 Start Date: 8/08/13 Start Qty: 12.00 *12*
 Required Date: 8/08/13 Req'd Qty: 12.00 *12*
 Reference: Cust Item ID:
 Customer:

Approvals: Process Plan: MLS Date: 13-08-08 Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3284	B								
100	PURCHASING	0.00							
100									
Purchasing	Memo	0.00							
Purchasing	Issue P/O: 20884 to Eagle Copters Order P/N: 47-140-252-5 Certificate of Conformity is required								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
110									
Packaging	Memo	0.00							
Packaging	Ensure certificate of conformity is attached								
120	QC5- Inspect part completeness to step on W/O	0.00							
120									
QC	Memo	0.00							
Quality Control									

13/08/12 14
 14x 8p 13-8-21
 14

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized
		<input type="checkbox"/> Over/Under tolerance
		<input type="checkbox"/> Part Incorrect
		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

Work Order ID 105545

105545

Page 2

August-08-13 8:58:26 AM

Item ID: D3284-009

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Bearing

Start Date: 8/08/13 Start Qty: 12.00

12

Cust Item ID:

Required Date: 8/08/13 Req'd Qty: 12.00

12

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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130

Identify as per dwg & Stock Location: ST637 0.00

130

Packaging

Memo

0.00

Packaging

14X _____ SP
(3-8-21)

140

QC21- Final Inspection - Work Order Release 0.00

140

QC

Memo

0.00

Quality Control

MLJ 13-08-22

13-08-21

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>
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Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
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<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled
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<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized
		<input type="checkbox"/> Over/Under tolerance
		<input type="checkbox"/> Part Incorrect
		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

Picklist Print

August-08-13 8:58:25 AM

Page 1

Work Order ID: 105545

Parent Item: D3284-009

Parent Item Name: Bearing

Start Date: 8/08/13

Required Date: 8/08/13

Start Qty: 12.00

Required Qty: 12.00

Comments: IPP Rev:A04.05.13New IssueKJ/DS
VERF:EC

IPP REV:B 11.02.25 AS PER DWG REV.B DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
047-140-252-005 Rod Bearing End		Purchased	No			110	Each	0.0000	1	12			

14K SP 13-8-21

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

FAULT CATEGORY				
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other

SPECIFICATION CONTROL DRAWING

DART P/N	SPECIFICATION
D3284-001 SLEEVE	ACS P/N B80702-1 PER ACS DWG B80702 REV. A
D3284-003 STUD	ACS P/N B80703-1 PER ACS DWG B80703 REV. A
D3284-005 STUD	ACS P/N B80704-1 PER ACS DWG B80704 REV. A
D3284-007 STUD	ACS P/N B80705-1 PER ACS DWG B80705 REV. B
D3284-009 BEARING	BHT P/N 47-140-252-5
D3284-011 BEARING	BHT P/N 205-060-101-001
D3284-021 TUBE ASSY	204-060-158-001 MODIFIED PER IIN-D205-708
D3284-023 BIPOD ASSY	204-060-155-001 MODIFIED PER IIN-D205-708
D3284-025 TRIPOD ASSY	204-060-157-001 MODIFIED PER IIN-D205-708
D3284-031 TUBE ASSY	205-060-107-001 MODIFIED PER IIN-D205-708
D3284-033 BIPOD ASSY	205-060-106-001 MODIFIED PER IIN-D205-708
D3284-035 TRIPOD ASSY	205-060-105-001 MODIFIED PER IIN-D205-708



NOTE:

FOR FUTURE PROCUREMENT, THE PURCHASE ORDER MUST SPECIFY THAT THE MATERIAL USED TO MANUFACTURE THE D3284-001/-003/-005/-007 PARTS MUST COMPLY WITH THE FOLLOWING SPECIFICATIONS:

AISI 4130 ROUND BAR PER AMS 6348/MIL-S-6758 WITH

MIN Ft_u = 90 Ksi

MIN Ft_y = 70 Ksi

EACH INDIVIDUAL ITEM TESTED BEFORE USE OR PROVEN TO EQUAL OR EXCEED THE ABOVE.

105545 MLC
130808

RELEASED
2010-03-25

B	ADD NOTE	RF	09.07.14
A	NEW ISSUE	KJ	04.05.06
REV.	DESCRIPTION	BY	DATE
DESIGN	DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>[Signature]</i>	D3284	SHEET 1 OF 1
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	ADJUSTABLE ENGINE MOUNT	NTS
DATE	09.07.14	<small>COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	

Eagle Copters Maintenance Ltd

823 McTavish Rd, NE
Calgary, Alberta T2E 7G9
Canada

Packing Slip

August 13, 2013

Telephone: (403) 250-7370

Fax: (403) 250-7110

Shipment number: SH#13-002455

Customer PO number: 20884

Ship To: Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Phone: (613)632-5200

Ship Via: FED EX

Carrier Terms:

Waybill: 796455884497

Customer PO number: 20884

Item	Part Number	Part Description	Current Location	Qty/UOM	Serial Number	Lot Number
	1 047-140-252-005	BEARING,ROD END	Shipping Area	✓ 7 Each		LT-13-011919
Type of sale: Outright						

Sales Order Number: SO13-01082.001

Eagle PO Number: PO-13-003876.1

Fedex PI Collect

Parts on Back Order

Item	Part Number	Part Description	Qty Sold	Back Order Qty	Qty Shipped
	1 047-140-252-005	BEARING,ROD END	34	27	7

All Parts being sent on this packing slip have the original certification on file at Eagle Copters Ltd.

* End of Report *

>> denotes that the Packing Slip line item has already been printed.

Eagle Copters Maintenance Ltd

823 McTavish Rd, NE
Calgary, Alberta T2E 7G9
Canada

Packing Slip

August 20, 2013

Telephone: (403) 250-7370

Fax: (403) 250-7110

Shipment number: SH#13-002528

Customer PO number: 20884

Ship To: Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Phone: (613)632-5200

Ship Via: FED EX

Carrier Terms:

Waybill: 796505512535

Customer PO number: 20884

Item	Part Number	Part Description	Current Location	Qty UOM	Serial Number	Lot Number
1	047-140-252-005	BEARING,ROD END	Shipping Area	27 Each		LT-13-012269

Type of sale: Outright

Sales Order Number: SO13-01082.001

Eagle PO Number: PO-13-003876.1

Fedex PI Collect

All Parts being sent on this packing slip have the original certification on file at Eagle Copters Ltd.

* End of Report *

>> denotes that the Packing Slip line item has already been printed.



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO20884

Purchase Order Date 8/12/2013

PO Print Date 8/12/2013

Page Number 1 of 1

Order From :

VU-EAG002

EAGLE COPTERS MAINTENANCE LTD.
823 MCTAVISH ROAD N E
CALGARY, AB T2E 7G9
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
08/30/13

Contact Name
Vendor Phone 403-250-7370

Ship To Contact
Ship To Phone
Ship Via: FedEx PI collect
Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB Destination-Collect

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extenc Pr
	Line Comments		Promise Date				
	Delivery-Comments						
1	047-140-252-005	Rod Bearing End	8/15/2013 Yes 8/15/2013		14.00 Each	\$103.04	\$1,442
	AS PER DWG D3284 REV. B B105545						
Line Total:							\$1,442
2	047-140-252-005	Rod Bearing End	8/15/2013 Yes 8/15/2013		20.00 Each	\$103.04	\$2,060
	AS PER DWG D3693 REV. C B105608						
Line Total:							\$2,060
PO Total:							\$3,503

cd mg

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required - ☒ YES ☐ NO

PST# 6122-5207

Change Nbr: 1

Change Date: 8/12/2013

TCCAAMO Approval No. 6-81

LOT #: LT-13-012269



Sold To: SO13-01082.001
Sold Date: 8/20/2013 7:22:54PM

PART #: 047-140-252-005

Description: BEARING, ROD END

Serial No:

Condition: New

Qty Sold: 27.00

Cure Date:

Manufacturer: Bell Helicopter (Manufacturer)

	Cycles	Hours
Total Time:		
TSO:		
Time Remaining:		

Details of work performed/reason for removal

Receiving Inspection

Additional work to be performed upon installation

August 20, 2013

Inspector

Lic. No./Stamp



823 McTavish Road, NE Calgary, Alberta T2E 7G7

TCCAAMO Approval No. 6-81

LOT #: LT-13-011919



Sold To: SO13-01082.001
Sold Date: 8/13/2013 6:56:59PM

PART #: 047-140-252-005

Description: BEARING, ROD END

Serial No:

Condition: New

Qty Sold: 7.00

Cure Date:

Manufacturer: Bell Helicopter (Manufacturer)

	Cycles	Hours
Total Time:		0.00
TSO:		
Time Remaining:		

Details of work performed/reason for removal

Receiving Inspection

Additional work to be performed upon installation

August 13, 2013

Inspector

Lic. No./Stamp



